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PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/776,643
Filing Date	2-12-2004
First Named Inventor	HSIEH et al.
Art Unit	1743
Examiner Name	TBD
Attorney Docket Number	P-5430P1

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> PTO SB/08A and SB/08B Copies of References		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Becton, Dickinson and Company		
Signature			
Printed name	J. Timothy Meigs		
Date	7/26/05	Reg. No.	38,241

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	J. Timothy Meigs	Date	7/26/05

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No.:	10/776,643	Confirmation No.	1755
Applicant(s):	HSIEH et al.		
Filed:	February 12, 2004		
Title:	BINDING PROTEINS AS BIOSENSORS		
Art Unit:	1743		
Examiner:	TBD		
Docket No.:	P-5430P1		

**Mail Stop: Amendment**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicants submit this Supplementary Information Disclosure Statement to bring to the attention of the Examiner, for consideration in connection with the above-referenced patent application, certain documents cited in International Patent Application No. PCT/US2005/003127, which is a foreign counterpart of the above-referenced patent application.

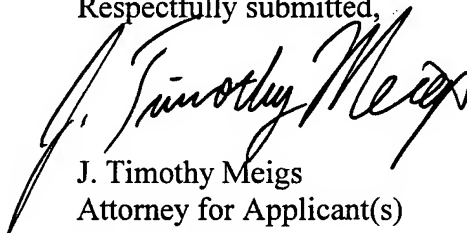
Applicants respectfully request that this Supplementary Information Disclosure Statement be entered and the references listed on the attached form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed references other than U.S. patent documents are included. Pursuant to the provisions of MPEP § 609, Applicants request that a copy of the PTO/SB/08A form be initialed as being considered by the Examiner and returned to Applicants with the next official communication.

This Supplemental Information Disclosure Statement is being submitted under 37 C.F.R. § 1.97(b) before the mailing of a first Office Action on the merits. Accordingly, no fee is believed to be due. However, if any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 02-1666.

App. No. 10/776,643  
Docket No. P-5430P1

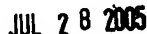
Any questions concerning this application or submission may be directed to  
Applicants' undersigned attorney at the below-listed telephone number.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. Timothy Meigs". The signature is written in a cursive, flowing style with a large initial "J" and a long, sweeping underline.

J. Timothy Meigs  
Attorney for Applicant(s)  
Reg. No. 38,241  
(919) 597-6276

July 26, 2005



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Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/776,643
Filing Date	2-12-2004
First Named Inventor	HSIEH et al.
Art Unit	1743
Examiner Name	TBD
Attorney Docket Number	P-5430P1

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

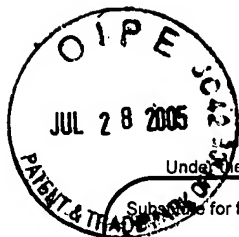
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 99/34212	07-08-1999	Duke University		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/776,643

Filing Date 2-12-2004

First Named Inventor HSIEH et al.

Art Unit 1743

Examiner Name TBD

Sheet 2 of 2

Attorney Docket Number P-5430P1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MARVIN, Engineering Biosensors by Introducing Fluorescent Allosteric Signal Transducers: Construction of a Novel Glucose Sensor, J. Am. Chem. Soc., 120, no. 1, 1998, pp. 7-11	
		TOLOSA, Glucose Sensor for Low-cost Lifetime-Based Sensing Using a Genetically Engineered Protein, Analytical Biochem., 267, no. 1, 1999, pp. 114-120	
		SALINS, A novel reagentless sensing system for measuring glucose based on the galactose/glucose-binding protein, Analytical Biochem., 294, no. 1, 2001, pp. 19-26	
		HSIEH, Direct detection of glucose by surface plasmon resonance with bacterial glucose/galactose-binding protein, Biosensors and Bioelectronics, 19, no. 7, 2004, pp. 653-660	
		International Search Report PCT/US2005/003127, Mailed May 2, 2005.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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